# **Beam Power Tube**

# 9-PIN MINIATURE TYPE With Heater <u>Having Controlled Warm-Up Time</u>

#### GENERAL DATA

	Electrical:	-
_	Heater, for Unipotential Cathode: Voltage (AC or DC)	volts
	Current 0.45 ± 6% Warm—up time (Average)	amp sec
	Direct Interelectrode Capacitances: ☐ Grid No.1 to plate 0.4 max. Grid No.1 to cathode & grid No.3, grid	μμf
_	No.2, and heater	μμf
	No.2, and heater 6	$\mu\mu$ f
	Characteristics, Class A <sub>1</sub> Amplifier:	
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	ma ma
	Mechanical:	_
	Maximum Overall Length	13/16" 3/32" 0.875" ection T6-1/2 .E9-1)
	Pin 1-Grid No.2 Pin 2-No Connection Pin 3-Grid No.1 Pin 4-Heater Pin 5-Heater Pin 6-Grid No.1 Pin 4-Grid No.1 Pin 9-Plate Pin 9-Plate	on—

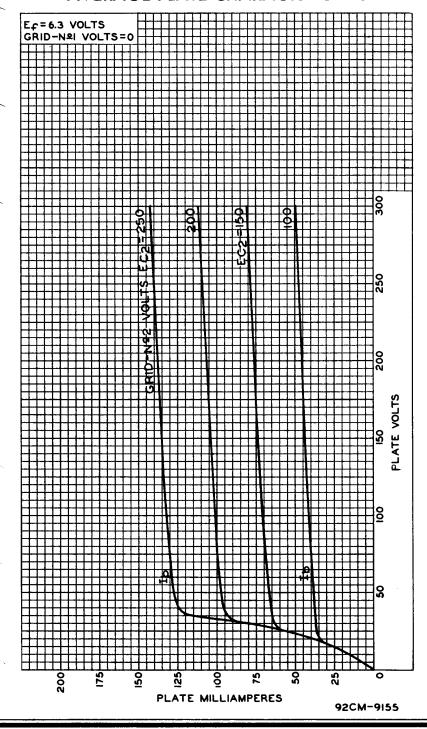
← Indicates a change.



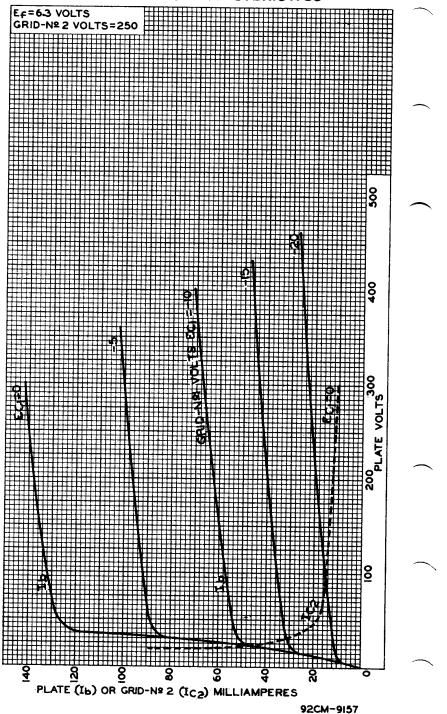
#### VERTICAL-DEFLECTION AMPLIFIER

► Maximum Ratings, Design-Maximum Values:			
For operation in a 525-line, 30	-frame sy	s t e m ★	
DC PLATE VOLTAGE	. 350 . 2200	max. volts	-
DC GRID-No.2 (SCREEN-GRID) VOLTAGE PEAK NEGATIVE-PULSE GRID-No.1	. 315	max. volts	>
(CONTROL-GRID) VOLTAGE	. 275	max. volts	
Peak	. 155	max. ma	
Average	. 45	max. ma	
GRID-No.2 INPUT		max. watts	-
PLATE DISSIPATION	. 10	max. watts	š
Heater negative with respect to cathode	e. 200 <sub>.</sub>	max. volts	3
Heater positive with respect to cathode BULB TEMPERATURE (At hottest point	e. 200 <b>●</b>	max. volts	š <b>–</b>
on bulb surface)	. 250	max. O(	)
Maximum Circuit Values:			
Grid-No.1-Circuit Resistance:	0.5		
For fixed-bias operation For cathode-bias operation	. 0.5	max. megohn	
▲ Without external shield.			
This value can be measured by a method invol such that the maximum ratings of the tube wi	ving a recu	rrent wave form	
<u>.</u>			
As described in "Standards of Good Englnee Television Broadcast Stations," Federal Comm			
This rating is applicable when the duration not exceed 15 per cent of one vertical scann 30-frame system, 15 per cent of one vertice milliseconds.	of the voling cycle.	tage pulse does In a 525-line, g cycle is 2.5	
The dc component must not exceed 100 volts.			

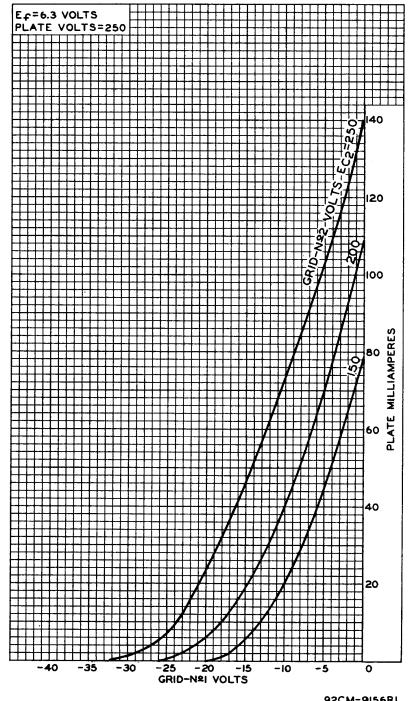
#### **AVERAGE PLATE CHARACTERISTICS**



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92CM-9156RI